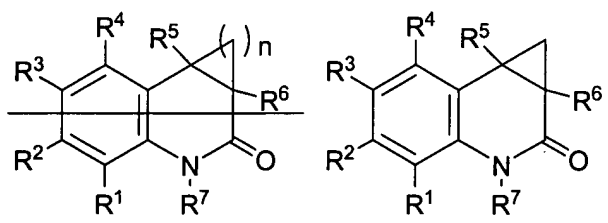


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 **Claim 1.** (Currently amended) A compound having the formula:



2

3 wherein

4 R¹, R², R³ and R⁴ are members independently selected from H, substituted or
5 unsubstituted alkyl, substituted or unsubstituted cycloalkyl, substituted or
6 unsubstituted heteroalkyl, substituted or unsubstituted aryl, substituted or
7 unsubstituted heteroaryl, OR⁸, NO₂, CN and halogen

8 wherein

9 R⁸ is a member selected from H, substituted or unsubstituted alkyl,
10 substituted or unsubstituted cycloalkyl and substituted or
11 unsubstituted aryl;

12 R⁵ is a member selected from H, substituted or unsubstituted alkyl, substituted or
13 unsubstituted cycloalkyl, substituted or unsubstituted heteroalkyl,
14 substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl,
15 CN and C(O)R⁹

16 wherein

17 R⁹ is a member selected from H, substituted or unsubstituted alkyl,
18 substituted or unsubstituted cycloalkyl, substituted or unsubstituted
19 heteroalkyl, NR¹⁰R¹¹ and OR¹¹

20 wherein

R¹⁰ is a member selected from H, substituted or unsubstituted
alkyl, substituted or unsubstituted cycloalkyl and OR¹²

wherein

R¹² is a member selected from H, substituted or
unsubstituted alkyl, substituted or unsubstituted
cycloalkyl and substituted or unsubstituted
heteroalkyl;

R¹¹ is a member selected from H, C(O)R¹³, substituted or
unsubstituted alkyl, substituted or unsubstituted cycloalkyl,
substituted or unsubstituted heteroalkyl, substituted or
unsubstituted heterocycloalkyl, and substituted or
unsubstituted aryl, and wherein R¹⁰ and R¹¹, together with
the nitrogen to which they are bound, are optionally joined
to form a substituted or unsubstituted heterocycloalkyl ring
system having from 3 to 7 members

wherein

R¹³ is a member selected from H, substituted or
unsubstituted alkyl, substituted or unsubstituted
cycloalkyl, substituted or unsubstituted heteroalkyl
and NR¹⁴R¹⁵

wherein

R¹⁴ and R¹⁵ are members independently selected
from H, substituted or unsubstituted alkyl
and substituted or unsubstituted heteroalkyl;

R⁶ is a member selected from H, ~~substituted or unsubstituted alkyl~~, substituted
alkyl, substituted and unsubstituted heteroalkyl, CN, substituted or
unsubstituted aryl, substituted or unsubstituted heteroaryl and C(O)R¹⁶

wherein

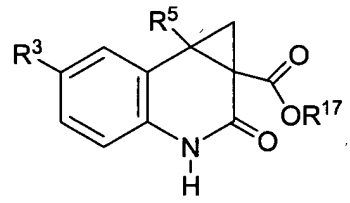
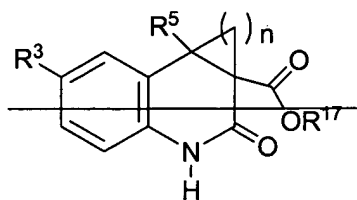
R¹⁶ is a member selected from substituted or unsubstituted alkyl,
substituted or unsubstituted heteroalkyl, substituted or

51 unsubstituted aryl, substituted or unsubstituted heteroaryl, $\text{NR}^{17}\text{R}^{18}$
52 and OR^{17}
53 wherein
54 R^{17} and R^{18} are members independently selected from H,
55 substituted or unsubstituted alkyl, substituted or
56 unsubstituted heteroalkyl and substituted or unsubstituted
57 aryl, and wherein R^{10} and R^{11} , together with the nitrogen to
58 which they are bound, are optionally joined to form a
59 heterocycloalkyl ring system having from 3 to 7 members;
60 R^7 is a member selected from H, substituted or unsubstituted alkyl and substituted
61 or unsubstituted heteroalkyl; and
62 ~~n is an integer from 1 to 4.~~

1 **Claim 2.** (Previously presented) The compound according to claim 1, wherein at
2 least one of R^{10} and R^{11} is substituted or unsubstituted $\text{C}_1\text{-C}_6$ alkyl.

1 **Claim 3.** (Previously presented) The compound according to claim 1, wherein R^5 is
2 a member selected from substituted or unsubstituted $\text{C}_1\text{-C}_6$ alkyl, substituted or
3 unsubstituted $\text{C}_1\text{-C}_6$ heteroalkyl, substituted or unsubstituted $\text{C}_1\text{-C}_6$ cycloalkyl and
4 substituted or unsubstituted $\text{C}_1\text{-C}_6$ heterocycloalkyl.

1 **Claim 4.** (Currently amended) The compound according to claim 1, having the
2 formula:



3
4 wherein

5 n is 1 or 2.

1 **Claim 5.** (Cancelled)

1 **Claim 6.** (Currently amended) The compound according to claim ~~[[5]]~~ **4**, wherein
2 R⁵ is selected from substituted or unsubstituted C₁-C₆ alkyl and substituted or
3 unsubstituted C₁-C₆ cycloalkyl.

1 **Claim 7.** (Previously presented) The compound according to claim **4**, wherein R³ is
2 halogen.

1 **Claim 8.** (Previously presented) A pharmaceutical formulation comprising a
2 compound according to claim **1** and a pharmaceutically acceptable carrier.

1 **Claim 9.** (Withdrawn) A method of inhibiting HIV in a cell, said method
2 comprising contacting said cell with an amount of a compound according to claim **1**
3 sufficient to inhibit said HIV.

1 **Claim 10.** (Withdrawn) The method according to claim **9**, wherein said HIV is a
2 drug resistant mutant.

1 **Claim 11.** (Withdrawn) A method of inhibiting reverse transcriptase in a cell, said
2 method comprising contacting said cell with an amount of a compound according to
3 claim **1** sufficient to inhibit said reverse transcriptase.

1 **Claim 12.** (Withdrawn) The method according to claim **9**, wherein said cell is in a
2 human.

1 **Claim 13.** (Withdrawn) The method according to claim **10**, wherein said cell is in a
2 human.

1 **Claim 14.** (Withdrawn) A method of treating HIV infection in a human subject
2 comprising administering to said subject an amount of a compound according to claim **1**,
3 sufficient to treat said HIV infection.

1 **Claim 15.** (Withdrawn) The method according to claim **14**, wherein said HIV is a
2 drug resistant mutant.

1 **Claim 16.** (Withdrawn) A method of providing prophylaxis against HIV infection
2 comprising administering a prophylactic amount of a compound according to claim 1 to a
3 person who is at risk of HIV infection.

1 **Claim 17.** (Withdrawn) The method according to claim 13, wherein said HIV is a
2 drug resistant mutant.

1 **Claim 18.** (New) The compound according to claim 1, wherein R⁶ is a member
2 selected from substituted and unsubstituted ether, substituted and unsubstituted polyether,
3 -CH₂OH, and -CH₂OC(O)CH₃.